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Morbidity and Mortality Weekly Report

U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE

Prepared by the COMMUNICABLE DISEASE CENTER *634-5131*

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PROVISIONAL INFORMATION ON SELECTED NOTIFIABLE DISEASES IN THE UNITED STATES AND ON DEATHS IN SELECTED CITIES FOR WEEK ENDED SEPTEMBER 14, 1963

POLIOMYELITIS – A total of 18 cases, 17 paralytic, were reported by eight States during the week ending September 14. Pennsylvania reported 6 cases; Michigan, 3 cases; and Virginia, Alabama, and Mississippi, 2 cases each.

Four of the cases reported by Pennsylvania are from Philadelphia, bringing the city's corrected total to 44 cases for the year. Type I oral vaccine from the CDC epidemic reserve has been administered since September 11 in lower socio-economic areas in Philadelphia where cases have been clustered; an intensive city-wide program has been planned for September 22.

The Virginia cases are from Petersburgh where three cases have occurred in recent weeks among unvaccinated Negro children. Laboratory studies are in process.

A case of paralytic poliomyelitis due to Type III poliovirus with onset in late August has been reported from Albany, Vermont, near the Quebec border. In the eastern Quebec counties an outbreak of over 50 cases of paralytic poliomyelitis has occurred in recent weeks.

(Continued on page 302)

Poliomyelitis (Cumulated Weekly) 1st Through 37th Week

	1963	1962	1961	1960	1959
Porolytic	222	416	517	1,312	3,455
Totol	257	536	780	1,908	5,474
Poliomyelitis (5ix Week Totals) 32nd Through 37th Week					
Porolytic	103	162	278	632	1,855
Totol	114	202	418	960	3,023

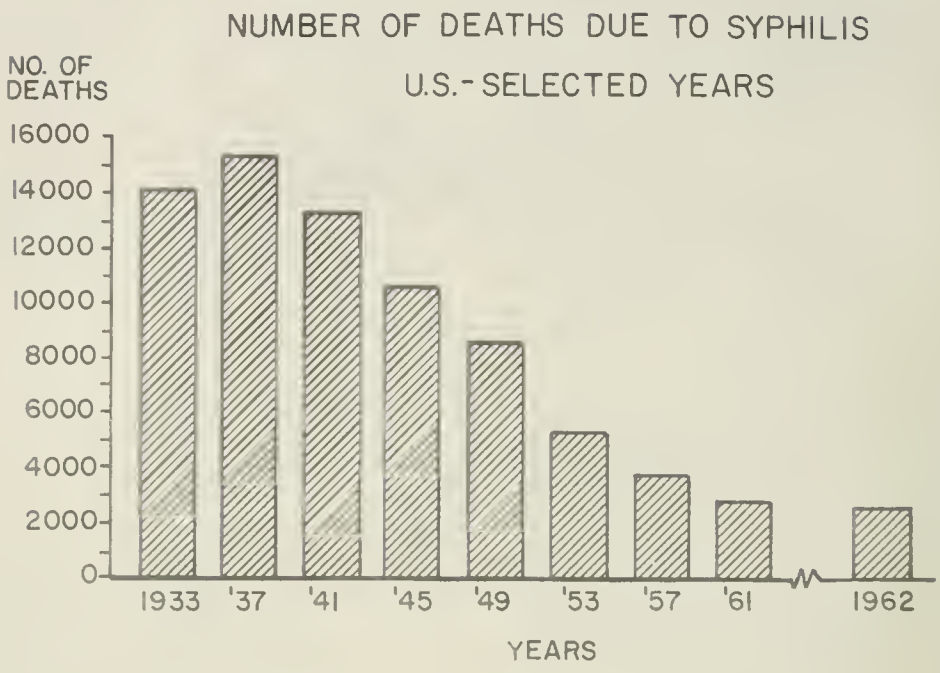
Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

(Cumulative totals include revised and delayed reports through previous week)

Disease	37th Week			Cumulative First 37 weeks		
	Ended September 14, 1963	Ended September 15, 1962	Median 1958 - 1962	1963	1962	Median 1958 - 1962
Aseptic meningitis	57	164	---	1,159	1,634	---
Brucellosis	7	6	15	267	297	545
Diphtheria	9	12	17	168	274	438
Encephalitis, infectious	25	47	50	1,101	1,306	1,306
Hepatitis, infectious and serum	738	898	730	31,133	40,116	26,322
Measles	825	843	843	358,487	442,727	395,788
Meningococcal infections	27	29	33	1,768	1,566	1,661
Poliomyelitis, total	18	32	173	257	536	1,914
Paralytic	17	23	112	222	416	1,309
Nonparalytic	1	5	48	25	86	425
Unspecified	-	4	13	10	34	180
Streptococcal sore throat and Scarlet fever	3,592	3,499	---	251,332	232,961	---
Tetanus	8	3	---	178	184	---
Tularemia	5	2	---	202	214	---
Typhoid fever	26	26	24	363	432	559
Typhus fever, tick-borne, (Rocky Mountain spotted)	6	8	---	151	186	---
Rabies in Animals	70	53	51	2,740	2,834	2,769

Table 2. NOTIFIABLE DISEASES OF LOW FREQUENCY

	Cum.		Cum.
Anthrax: Mass. - 1	4	Psittacosis:	43
Botulism: Calif. - 6	12	Rabies in Man:	1
Malaria: N.Y. - 1	65	Smallpox:	-
Plague:	-	Typhus, murine: N.C. - 1, Texas - 1	17



* Source: Vital Statistics in the United States

Deaths Classified According to the International Statistical Classification of Causes of Death.

Deaths from 1933 through 1948 have been adjusted to the classification used in the sixth revision. Beginning with 1958, the number of deaths are classified according to the seventh revision of the international classification.

MORTALITY DUE TO SYPHILIS – A reduction in the mortality due to syphilis of 82 percent has occurred between 1938 and 1962.

Approximately 15,000 deaths due to syphilis were reported annually in the United States prior to 1938. In 1938, stimulated by grants and aid to States, case finding activities expanded and rapid treatment centers were established for the diagnosis and treatment of venereal disease. During World War II, penicillin was found to be effective in treatment and soon was widely applied.

The estimate of the number of deaths due to syphilis in 1962 was 2,700, bases on a 10 percent sample of all deaths.

(Poliomyelitis continued from front page)

Type III poliovirus has been recovered from a number of the cases. Over 130,000 doses of trivalent polio vaccine have been administered in Quebec since mid-August. Type III oral polio vaccine from the CDC epidemic reserve will be fed in the three northern Vermont counties beginning this week.

BOTULISM – Six cases of botulism, (including one death) were reported from California for the week ending September 14. All victims consumed home-canned marinated mushrooms at a dinner in July in Southern California. An epidemiologic investigation is in progress.

EPIDEMIOLOGICAL REPORTS

Dengue Fever

Puerto Rico

A total of 8,796 cases of dengue fever has been officially reported to the Puerto Rico Department of Health as of noon, September 16, 1963. This represents an increase of 1,207 officially reported cases during the past week. Although 59 of 77 *municipios* have reported cases, 8 *municipios* have accounted for 6,565, or 75%, of the 8,796 cases.

Present information indicates that the disease incidence is considerably under reported.

(Continued on page 308)

Q Fever – New Hampshire and Rhode Island

A case of Q Fever diagnosed clinically and confirmed by serology has been reported in a New Hampshire textile worker.

On June 28, a 58-year-old white male, supervisor of a textile company carding room, suffered acute onset of an illness characterized by chills and fever, headache, stiff neck, and a mild, non-productive cough. Examination by the plant physician failed to disclose any positive findings. A chest X-ray was negative. The patient had a spiking temperature to 104-105° over the next two days.

Although the patient worked in New Hampshire, he commuted to his home in Rhode Island on weekends. Over the July 4th weekend he consulted a physician in Rhode Island who heard bilateral pulmonary rales. The remainder of the examination was negative. A repeat chest X-ray was also reported as negative. Tetracycline therapy was instituted without beneficial response, and he was hospitalized the following day. The attending physician in the hospital, who had diagnosed one of Rhode Island's last known Q Fever cases (a textile mill worker from Massachusetts), suspected Q Fever on the basis of the patient's occupation and clinical course.

Blood specimens taken a week apart demonstrated a rise in the complement fixation screening test, as shown in the following table:

First Specimen (July 6)	4+ at 1:32
	Negative at 1:64
Second Specimen (July 12)	4+ at 1:128
	1+ at 1:256

Tetracycline therapy was reinstituted. The patient recuperated uneventfully. He has since resumed work.

An investigation of the materials handled and the environment of this textile company proved negative for the source of his infection. No further cases were demonstrated upon investigation.

At the same textile plant, two employees were afflicted with Q Fever ten years ago. A study made at that time revealed no other clinical cases, but did reveal many high Q Fever complement fixation titers in the textile workers.

The present patient worked in the carding room, which is the dustiest area of the textile plant. Prior to the patient's clinical onset of illness, the textile factory was known to be processing goat hair and camel hair. Although several cases of Q Fever have been epidemiologically associated with goat hair, no cases specifically related to the textile industry are known. Goat hair may be contaminated with *Coxiella burnetii* from the feces and from the lochia during the lambing season. No reports of camel hair as a source of infection are known.

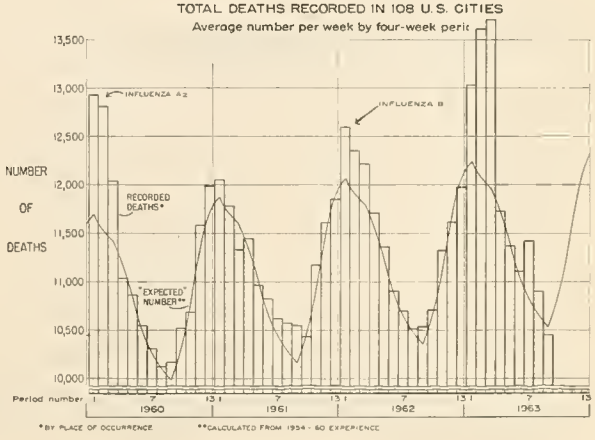
(Reported by James Bowes, Director, Division of Epidemiology, Rhode Island Department of Health, and Forrest H. Bumford, Director of Occupational Health, Department of Health and Welfare, Division of Public Health Services, New Hampshire.)

TOTAL DEATHS REPORTED IN 108 CITIES

The weekly average number of total deaths in 108 cities for the four-week period ending September 14 was 10,459 as compared with an expected weekly average of 10,550.

TOTAL DEATHS RECORDED IN 108 UNITED STATES CITIES

	WEEK ENDING				4 Week Total	Weekly Average
	8/24	8/31	9/7	9/14		
Observed	10,486	10,377	10,077	10,897	41,837	10,459
Expected	10,525	10,523	10,550	10,603	42,201	10,550
Excess	−39	−146	−473	294	−364	−91



(See Table, Page 307)

Table 3 CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
SEPTEMBER 14, 1963 AND SEPTEMBER 15, 1962

Area	Poliomyelitis, total cases				Poliomyelitis, paralytic				Poliomyelitis, nonparalytic		Aseptic Meningitis	
	37th week		Cumulative First 37 weeks		37th week		Cumulative First 37 weeks		37th week		37th week	
	1963	1962	1963	1962	1963	1962	1963	1962	1963	1962	1963	1962
UNITED STATES	18	32	257	536	17	23	222	416	1	5	57	164
NEW ENGLAND	-	-	3	5	-	-	3	5	-	-	4	-
Maine	-	-	-	-	-	-	-	-	-	-	-	-
New Hampshire	-	-	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	1	-	-	-	1	-	-	-	2	-
Massachusetts	-	-	2	4	-	-	2	4	-	-	-	-
Rhode Island	-	-	-	-	-	-	-	-	-	-	2	-
Connecticut	-	-	-	1	-	-	-	1	-	-	-	-
MIDDLE ATLANTIC	6	3	87	60	5	3	68	42	1	-	9	10
New York	-	3	7	46	-	3	5	30	-	-	9	8
New Jersey	-	-	1	5	-	-	1	5	-	-	-	-
Pennsylvania	6	-	79	9	5	-	62	7	1	-	-	2
EAST NORTH CENTRAL	3	4	33	55	3	1	25	38	-	3	5	36
Ohio	-	2	8	16	-	1	4	14	-	1	1	22
Indiana	-	-	2	7	-	-	1	5	-	-	-	-
Illinois	-	1	12	22	-	-	11	12	-	1	2	-
Michigan	3	1	7	7	3	-	7	6	-	1	2	14
Wisconsin	-	-	4	3	-	-	2	1	-	-	-	-
WEST NORTH CENTRAL	-	4	4	26	-	4	4	16	-	-	6	24
Minnesota	-	-	3	6	-	-	3	6	-	-	6	7
Iowa	-	-	-	5	-	-	-	2	-	-	-	1
Missouri	-	-	-	7	-	-	-	2	-	-	-	1
North Dakota	-	-	-	3	-	-	-	1	-	-	-	-
South Dakota	-	1	-	1	-	1	-	1	-	-	-	-
Nebraska	-	3	1	4	-	3	1	4	-	-	-	-
Kansas	-	-	-	-	-	-	-	-	-	-	-	15
SOUTH ATLANTIC	4	1	33	36	4	1	30	31	-	-	3	5
Delaware	-	-	1	-	-	-	1	-	-	-	-	-
Maryland	-	-	-	-	-	-	-	-	-	-	-	-
District of Columbia	-	1	-	2	-	1	-	1	-	-	-	-
Virginia	2	-	4	7	2	-	3	7	-	-	1	4
West Virginia	-	-	1	5	-	-	1	5	-	-	1	1
North Carolina	-	-	3	4	-	-	3	4	-	-	-	-
South Carolina	1	-	6	4	1	-	5	4	-	-	-	-
Georgia	1	-	12	6	1	-	11	5	-	-	-	-
Florida	-	-	6	8	-	-	6	5	-	-	1	-
EAST SOUTH CENTRAL	4	4	54	45	4	1	52	34	-	-	10	8
Kentucky	-	1	-	20	-	-	-	14	-	-	1	2
Tennessee	-	2	8	9	-	-	8	4	-	-	2	5
Alabama	2	1	41	14	2	1	39	14	-	-	-	1
Mississippi	2	-	5	2	2	-	5	2	-	-	7	-
WEST SOUTH CENTRAL	1	9	24	240	1	7	23	189	-	2	1	27
Arkansas	-	1	4	6	-	1	3	6	-	-	-	3
Louisiana	-	-	14	14	-	-	14	12	-	-	-	-
Oklahoma	-	2	-	11	-	2	-	9	-	-	-	-
Texas	1	6	6	209	1	4	6	162	-	2	1	24
MOUNTAIN	-	1	1	12	-	-	1	8	-	-	-	2
Montana	-	-	-	3	-	-	-	2	-	-	-	-
Idaho	-	-	1	2	-	-	1	1	-	-	-	-
Wyoming	-	1	-	2	-	-	-	1	-	-	-	-
Colorado	-	-	-	1	-	-	-	-	-	-	-	2
New Mexico	-	-	-	-	-	-	-	-	-	-	-	-
Arizona	-	-	-	3	-	-	-	3	-	-	-	-
Utah	-	-	-	1	-	-	-	1	-	-	-	-
Nevada	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC	-	6	18	57	-	6	16	53	-	-	19	52
Washington	-	1	1	2	-	1	1	2	-	-	3	4
Oregon	-	-	2	5	-	-	1	5	-	-	1	1
California	-	5	15	50	-	5	14	46	-	-	15	47
Alaska	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	1	-	5	11	-	-	4	11	1	-	-	-

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES FOR WEEKS ENDED SEPTEMBER 14, 1963 AND SEPTEMBER 15, 1962 - (Continued)

Area	Brucellosis		Diphtheria		Encephalitis, infectious		Hepatitis, infectious and serum				Measles	
							37th week					
	37th week	Cumulative 37 weeks	37th week	Cumulative 37 weeks	37th week		Under 20 yr.	20 & over	Total		37th week	
	1963	1963	1963	1963	1963	1962	1963	1963	1963	1962	1963	1962
UNITED STATES	7	267	9	168	25	47	371	316	738	898	825	843
NEW ENGLAND	-	1	-	8	-	-	61	41	106	61	31	62
Maine	-	-	-	-	-	-	35	19	54	20	6	16
New Hampshire	-	-	-	-	-	-	15	7	23	7	-	-
Vermont	-	1	-	-	-	-	3	2	8	1	-	.2
Massachusetts	-	-	-	6	-	-	6	9	15	20	18	24
Rhode Island	-	-	-	2	-	-	-	2	2	2	2	2
Connecticut	-	-	-	-	-	-	2	2	4	11	5	18
MIDDLE ATLANTIC	-	5	-	21	4	11	81	79	160	171	131	116
New York	-	3	-	13	4	9	43	51	94	97	88	77
New Jersey	-	-	-	3	-	-	7	8	15	24	31	26
Pennsylvania	-	2	-	5	-	2	31	20	51	50	12	13
EAST NORTH CENTRAL	3	29	1	23	6	5	42	53	102	192	159	216
Ohio	-	-	-	1	-	3	14	21	38	59	23	13
Indiana	-	5	1	5	5	-	2	8	10	17	28	10
Illinois	3	18	-	12	-	1	11	8	21	46	31	11
Michigan	-	5	-	3	1	1	14	16	30	63	46	110
Wisconsin	-	1	-	2	-	-	1	-	3	7	31	72
WEST NORTH CENTRAL	1	150	-	37	3	3	11	6	24	41	50	22
Minnesota	-	8	-	15	-	-	2	1	5	8	-	-
Iowa	1	111	-	1	-	-	2	2	4	16	12	10
Missouri	-	11	-	1	-	1	2	2	4	7	2	2
North Dakota	-	-	-	1	2	2	-	-	-	2	32	10
South Dakota	-	8	-	11	-	-	1	1	2	1	4	-
Nebraska	-	6	-	8	-	-	1	-	1	1	-	-
Kansas	-	6	-	-	1	-	3	-	8	6	NN	NN
SOUTH ATLANTIC	-	14	3	37	6	13	41	24	65	111	104	72
Delaware	-	-	-	-	-	-	2	-	2	-	1	4
Maryland	-	-	-	-	-	-	4	2	6	13	7	4
District of Columbia	-	-	-	1	-	-	3	2	5	2	-	2
Virginia	-	6	-	-	-	-	8	3	11	17	16	10
West Virginia	-	-	-	1	-	-	15	6	21	20	25	39
North Carolina	-	4	-	2	1	-	3	3	6	31	2	7
South Carolina	-	-	3	12	-	-	1	1	2	3	7	-
Georgia	-	3	-	12	-	-	3	1	4	6	1	-
Florida	-	1	-	9	5	13	2	6	8	19	45	6
EAST SOUTH CENTRAL	-	13	2	12	1	2	27	24	55	94	82	52
Kentucky	-	3	-	-	-	-	10	5	19	30	54	6
Tennessee	-	6	-	2	-	1	11	9	20	29	24	35
Alabama	-	4	2	10	-	-	3	3	6	18	3	10
Mississippi	-	-	-	-	1	1	3	7	10	17	1	1
WEST SOUTH CENTRAL	2	32	3	23	-	5	47	34	81	40	45	105
Arkansas	2	7	1	2	-	-	8	3	11	2	-	-
Louisiana	-	8	2	7	-	-	6	7	13	10	-	1
Oklahoma	-	5	-	6	-	-	5	-	5	-	4	2
Texas	-	12	-	8	-	5	28	24	52	28	41	102
MOUNTAIN	-	9	-	4	2	-	13	3	45	43	94	64
Montana	-	-	-	-	-	-	1	2	7	2	19	20
Idaho	-	-	-	-	-	-	-	-	8	2	35	13
Wyoming	-	1	-	-	-	-	-	-	-	1	-	1
Colorado	-	-	-	3	-	-	1	1	6	7	8	16
New Mexico	-	-	-	1	2	-	10	-	10	8	NN	NN
Arizona	-	3	-	-	-	-	-	-	13	16	19	7
Utah	-	5	-	-	-	-	1	-	1	7	13	7
Nevada	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC	1	14	-	3	3	8	48	52	100	145	129	134
Washington	-	-	-	-	-	1	15	5	20	45	9	30
Oregon	-	2	-	-	-	-	7	5	12	20	27	30
California	1	11	-	3	3	7	23	36	59	67	77	45
Alaska	-	-	-	-	-	-	3	6	9	13	10	5
Hawaii	-	1	-	-	-	-	-	-	-	-	6	24
Puerto Rico	-	-	-	12	-	-	17	4	21	19	12	17

Table 3 CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

SEPTEMBER 14, 1963 AND SEPTEMBER 15, 1962 - (Continued)

Area	Meningococcal Infections		Streptococcal Sore Throat & Scarlet Fever		Tetanus	Tickborne Typhus (Rcky Mt. Spotted)	Tularemia	Typhoid Fever		Rabies in Animals		
	37th wk.	Cumulative 37 weeks	37th week		37th wk.	37th wk.	37th wk.	37th wk.	Cumulative 37 weeks	37th week		Cumulative 37 weeks
	1963	1963	1963	1962	1963	1963	1963	1963	1963	1963	1962	1963
UNITED STATES....	27	1,768	3,592	3,499	8	6	5	26	363	70	53	2,740
NEW ENGLAND.....	1	110	206	351	-	-	-	-	10	-	-	26
Maine.....	-	17	59	170	-	-	-	-	2	-	-	1
New Hampshire.....	-	4	7	7	-	-	-	-	-	-	-	12
Vermont.....	-	4	-	14	-	-	-	-	1	-	-	12
Massachusetts.....	1	52	11	40	-	-	-	-	5	-	-	1
Rhode Island.....	-	10	12	19	-	-	-	-	-	-	-	-
Connecticut.....	-	23	117	101	-	-	-	-	2	-	-	-
MIDDLE ATLANTIC.....	3	246	128	99	-	-	-	6	73	2	1	86
New York.....	2	116	105	59	-	-	-	4	33	2	-	64
New Jersey.....	-	34	8	30	-	-	-	2	5	-	-	-
Pennsylvania.....	1	96	15	10	-	-	-	-	35	-	1	22
EAST NORTH CENTRAL..	7	271	203	239	-	1	-	4	36	6	5	436
Ohio.....	-	76	12	18	-	-	-	1	14	5	2	258
Indiana.....	4	35	44	55	-	-	-	2	6	1	2	41
Illinois.....	1	50	44	51	-	1	-	1	9	-	1	62
Michigan.....	2	83	86	71	-	-	-	-	2	-	-	41
Wisconsin.....	-	27	17	44	-	-	-	-	5	-	-	34
WEST NORTH CENTRAL..	-	113	143	65	2	-	1	1	21	21	19	700
Minnesota.....	-	22	6	3	-	-	-	-	3	5	4	166
Iowa.....	-	6	26	13	-	-	-	-	2	6	8	269
Missouri.....	-	33	7	-	1	-	-	1	13	4	2	119
North Dakota.....	-	12	55	42	-	-	-	-	-	-	-	28
South Dakota.....	-	5	5	7	-	-	-	-	1	3	4	79
Nebraska.....	-	24	-	-	-	-	-	-	1	1	1	23
Kansas.....	-	11	44	-	1	-	1	-	1	2	-	16
SOUTH ATLANTIC.....	6	325	344	318	1	4	2	1	46	14	12	386
Delaware.....	2	4	5	-	-	-	-	-	1	-	-	1
Maryland.....	-	49	2	1	-	-	-	-	8	-	-	-
Dist. of Columbia..	-	6	1	-	-	-	-	-	-	-	-	-
Virginia.....	-	74	106	64	1	-	1	1	8	5	2	137
West Virginia.....	-	16	144	201	-	-	-	-	6	1	5	104
North Carolina.....	-	55	5	13	-	3	-	-	6	1	-	11
South Carolina.....	2	17	14	7	-	-	-	-	2	-	-	7
Georgia.....	1	26	-	2	-	1	1	-	2	6	2	58
Florida.....	1	78	67	30	-	-	-	-	13	1	3	68
EAST SOUTH CENTRAL..	4	132	946	721	3	-	-	7	46	4	1	221
Kentucky.....	-	28	72	31	-	-	-	2	10	3	-	106
Tennessee.....	2	59	857	630	-	-	-	1	21	1	1	98
Alabama.....	2	23	7	5	3	-	-	1	9	-	-	17
Mississippi.....	-	22	10	55	-	-	-	3	6	-	-	-
WEST SOUTH CENTRAL..	-	164	442	638	2	1	1	4	68	13	6	528
Arkansas.....	-	11	-	-	2	-	-	1	23	4	-	56
Louisiana.....	-	67	1	2	-	-	1	3	22	-	-	41
Oklahoma.....	-	29	10	1	-	1	-	-	5	1	-	43
Texas.....	-	57	431	635	-	-	-	-	18	8	6	388
MOUNTAIN.....	-	59	714	638	-	-	1	1	16	4	2	93
Montana.....	-	3	35	26	-	-	-	-	-	-	-	-
Idaho.....	-	6	48	99	-	-	-	-	-	-	-	-
Wyoming.....	-	4	2	17	-	-	1	-	1	-	-	-
Colorado.....	-	16	136	159	-	-	-	-	6	-	-	15
New Mexico.....	-	4	327	143	-	-	-	1	3	-	-	27
Arizona.....	-	9	69	100	-	-	-	-	6	1	2	42
Utah.....	-	14	97	94	-	-	-	-	-	-	-	-
Nevada.....	-	3	-	-	-	-	-	-	-	3	-	9
PACIFIC.....	6	348	466	430	-	-	-	2	47	6	7	264
Washington.....	2	28	65	55	-	-	-	-	2	-	-	-
Oregon.....	-	25	1	8	-	-	-	-	2	3	3	7
California.....	4	275	352	320	-	-	-	2	40	3	4	248
Alaska.....	-	12	6	31	-	-	-	-	1	-	-	9
Hawaii.....	-	8	42	16	-	-	-	-	2	-	-	-
Puerto Rico.....	-	6	3	-	3	-	-	-	12	-	1	11

Table 4 (A). TOTAL DEATHS IN REPORTING CITIES

(Tables 4(A), 4(B), 4(C), and 4(D) will be published in sequence covering a four-week period.)°

Area	For weeks ending			
	8/24	8/31	9/7	9/14
NEW ENGLAND:				
Boston, Mass.	198	232	216	218
Bridgeport, Conn.	35	32	29	29
Cambridge, Mass.	19	28	25	24
Fall River, Mass.	23	30	26	21
Hartford, Conn.	55	45	43	47
Lowell, Mass.	21	21	30	26
Lynn, Mass.	17	24	14	26
New Bedford, Mass.	25	25	32	28
New Haven, Conn.	41	43	39	38
Providence, R.I.	53	65	61	54
Somerville, Mass.	13	13	15	12
Springfield, Mass.	33	52	41	32
Waterbury, Conn.	21	33	26	26
Worcester, Mass.	71	45	51	44
MIDDLE ATLANTIC:				
Albany, N.Y.	47	42	48	53
Allentown, Pa.	30	31	27	40
Buffalo, N.Y.	121	129	130	144
Camden, N.J.	44	45	33	40
Elizabeth, N.J.	26	28	19	21
Erie, Pa.	41	40	29	37*
Jersey City, N.J.	56	77	85	55
Newark, N.J.	98	74	107	86
New York City, N.Y.	1,510	1,496	1,491	1,490
Paterson, N.J.	35	23	33	27
Philadelphia, Pa.	534	409	502	485
Pittsburgh, Pa.	171	175	152	207
Reading, Pa.	32	35	36	47
Rochester, N.Y.	96	88	109	93
Schenectady, N.Y.	22	22	26	21
Scranton, Pa.	49	29	26	42
Syracuse, N.Y.	53	59	54	64
Trenton, N.J.	36	43	22	44
Utica, N.Y.	27	32	27	25
Yonkers, N.Y.	36	23	33	23
EAST NORTH CENTRAL:				
Akron, Ohio	58	50	65	41
Canton, Ohio	20	42	28	34
Chicago, Ill.	619	672	657	700
Cincinnati, Ohio	160	138	147	174
Cleveland, Ohio	189	196	183	212
Columbus, Ohio	111	102	105	119
Dayton, Ohio	76	72	76	82
Detroit, Mich.	304	318	247	352
Evansville, Ind.	28	37	37	26
Flint, Mich.	50	32	41	57
Fort Wayne, Ind.	41	33	39	30
Gary, Ind.	29	63	13	42
Grand Rapids, Mich.	45	40	29	68
Indianapolis, Ind.	128	110	144	136
Madison, Wis.	43	33	27	25
Milwaukee, Wis.	96	94	114	130
Peoria, Ill.	25	26	23	28
Rockford, Ill.	27	25	28	29
South Bend, Ind.	37	35	26	48
Toledo, Ohio	84	84	75	104
Youngstown, Ohio	60	55	54	63
WEST NORTH CENTRAL:				
Des Moines, Iowa	55	47	58	69
Duluth, Minn.	18	32	26	26
Kansas City, Kans.	32	37	31	32
Kansas City, Mo.	101	113	116	113
Lincoln, Nebr.	27	22	28	31
Minneapolis, Minn.	80	84	128	115
Omaha, Nebr.	61	73	49	68
St. Louis, Mo.	225	203	205	216
St. Paul, Minn.	78	64	63	56
Wichita, Kans.	50	42	26	53
SOUTH ATLANTIC:				
Atlanta, Ga.	96	127	116	124
Baltimore, Md.	215	239	204	206
Charlotte, N.C.	38	41	32	52
Jacksonville, Fla.	68	61	70	55
Miami, Fla.	86	86	77	76
Norfolk, Va.	53	46	50	50
Richmond, Va.	65	76	80	81
Savannah, Ga.	40	34	36	41
St. Petersburg, Fla.	70	68	77	83
Tampa, Fla.	53	58	63	48
Washington, D.C.	148	184	191	182
Wilmington, Del.	37	39	36	32
EAST SOUTH CENTRAL:				
Birmingham, Ala.	91	77	75	92
Chattanooga, Tenn.	38	50	41	37
Knoxville, Tenn.	42	30	28	47
Louisville, Ky.	136	80	87	115
Memphis, Tenn.	111	99	116	133
Mobile, Ala.	38	38	37	53
Montgomery, Ala.	27	25	33	42
Nashville, Tenn.	86	83	67	101
WEST SOUTH CENTRAL:				
Austin, Tex.	43	37	30	50
Baton Rouge, La.	23	23	26	35
Corpus Christi, Tex.	25	19	13	33
Dallas, Tex.	136	149	116	116
El Paso, Tex.	52	33	35	35
Fort Worth, Tex.	57	82	64	56
Houston, Tex.	155	226	114	160
Little Rock, Ark.	50	36	52	57
New Orleans, La.	178	169	193	139
Oklahoma City, Okla.	82	59	57	76
San Antonio, Tex.	91	124	71	102
Shreveport, La.	51	43	43	65
Tulsa, Okla.	54	45	50	72
MOUNTAIN:				
Albuquerque, N. Mex.	22	28	33	28
Colorado Springs, Colo.	18	28	12	20
Denver, Colo.	124	105	91	129
Ogden, Utah	22	19	13	15
Phoenix, Ariz.	73	69	83	83
Pueblo, Colo.	12	14	10	11
Salt Lake City, Utah	52	39	51	44
Tucson, Ariz.	46	47	43	45
PACIFIC:				
Berkeley, Calif.	20	11	14	14
Fresno, Calif.	46	47	45	44
Glendale, Calif.	39	32	32	31
Honolulu, Hawaii	49	47	42	53
Long Beach, Calif.	54	64	56	59
Los Angeles, Calif.	511	456	436	467
Oakland, Calif.	92	106	72	97
Pasadena, Calif.	27	19	37	36
Portland, Oreg.	114	71	103	31
Sacramento, Calif.	53	70	49	54
San Diego, Calif.	88	85	91	74
San Francisco, Calif.	195	184	157	210
San Jose, Calif.	29	44	33	39
Seattle, Wash.	124	141	116	134
Spokane, Wash.	47	41	32	49
Tacoma, Wash.	26	33	41	45
San Juan, P.R.	4	3	-	3

*Estimate - based on average percent of divisional total.
Totals for previous weeks include reported corrections.

°Current Week Mortality for 108 Selected Cities

4(A) Total Mortality, all ages	10,597
4(B) Pneumonia-Influenza Deaths, all ages	352
4(C) Total Deaths under 1 Year of Age	796
4(D) Total Deaths, Persons 65 years and over	5,954

NOTE: All deaths by place of occurrence.

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Municipio	Location	Population*	Reported Cases Through Sept. 16
Arecibo	North Central Coast	69,879	1,231
Barceloneta	North Central Coast	19,334	1,210
Guayama	Southeast Coast	33,678	711
Juncos	Eastern interior	21,486	846
Manati	North Central Coast	29,354	1,141
Morovis	North Central Coast	18,094	394
Rio Piedras	Northeast Coast	251,384	474
Vega Baja	North Central Coast	30,189	558

* 1960 Census

A random sample conducted in Guaynabo, eight miles south of San Juan, moderately early in the epidemic (see MMWR, Vol. 12, page 294) revealed a somewhat higher attack rate of dengue-like illness among those in the 40 to 59 year age groups, with lower but similar attack rates in the other age groups. Further analysis reveals age specific attack rates which are notably higher among females in essentially all age groups (see table below). A greater exposure by females to the indoor-biting *Aedes aegypti* mosquitoes may account for these differences.

DENGUE-LIKE ILLNESS BY AGE AND SEX
GUAYNABO, PUERTO RICO
AUGUST 18 THROUGH SEPTEMBER 16, 1963

AGE GROUP	POPULATION			CASES			ATTACK RATE %		
	M	F	Total	M	F	Total	M	F	Total
0-9	345	383	728	28	41	69	8.1	10.7	9.5
10-19	283	257	540	25	26	51	8.8	10.1	9.4
20-29	186	211	397	9	27	36	4.8	12.8	9.1
30-39	121	142	263	10	13	23	8.3	9.2	8.7
40-49	116	114	230	11	19	30	9.5	16.7	13.0
50-59	84	83	167	14	11	25	16.7	13.3	15.0
60 +	87	106	193	7	11	18	8.0	10.4	9.3
Unknown	3	4	7	1	0	1	–	–	–
TOTAL	1,225	1,300	2,525	105	148	253	8.6	11.4	10.0

(Reported by Victor Gonzales, M.D., Director, Bureau of Health, Puerto Rico Dept. of Health, and a team from the Communicable Disease Center.)

Continental United States

Three additional cases of Dengue have been diagnosed clinically in New York City, bringing the known total there to five. All were patients who had traveled from Puerto Rico or Jamaica and who acquired the disease while in those areas. Four cases were reported previously from Michigan, where a Jamaican family had visited (see MMWR, Vol. 12, page 270). Thus, at least nine cases of dengue, acquired elsewhere, have occurred within the continental United States.

(Reported by Dr. Harold T. Fuerst, Director, Bureau of Preventable Disease, New York Department of Health.)

INTERNATIONAL NOTES – QUARANTINE MEASURES

Immunization Information for International Travel
1962 Edition
Public Health Service Publication No. 384

The following information should be added to the list of Yellow Fever Vaccination Centers in Section 6:

PAGE 74

CITY: Los Angeles, California

CENTER: White Memorial Hospital
Clinical Laboratory
218 North Boyle Avenue
Tel. AN 9-9131, Ext. 593

CLINIC HOURS: Monday-Thursday, 2:00 p.m.

FEE: Yes

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PUBLIC HEALTH SERVICE
Communicable Disease Center
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